

ABSTRACT

A method for operating a fuel cell, which is capable of recovering the performance of the fuel cell when the performance of the fuel cell is degraded. The fuel cell including a membrane electrode assembly 102 which has an electrolyte film, an anode 104 and a cathode 106 wherein the anode 104 and the cathode 106 sandwich the electrolyte film 101 and carry a catalyst metal, respectively, is used. An oxidizing agent is fed to the cathode 106 and fuel is fed to the anode 104 to generate power. After a predetermined period of time has passed, two sides of the membrane electrode assembly 102 are inverted to carry out a changing operation of changing the anode 104 before inverted to a cathode, and changing the cathode 106 before inverted to an anode. After the changing operation, an oxidizing agent is fed to the cathode after changed and fuel is fed to the anode after changed, thereby starting a power generation again.